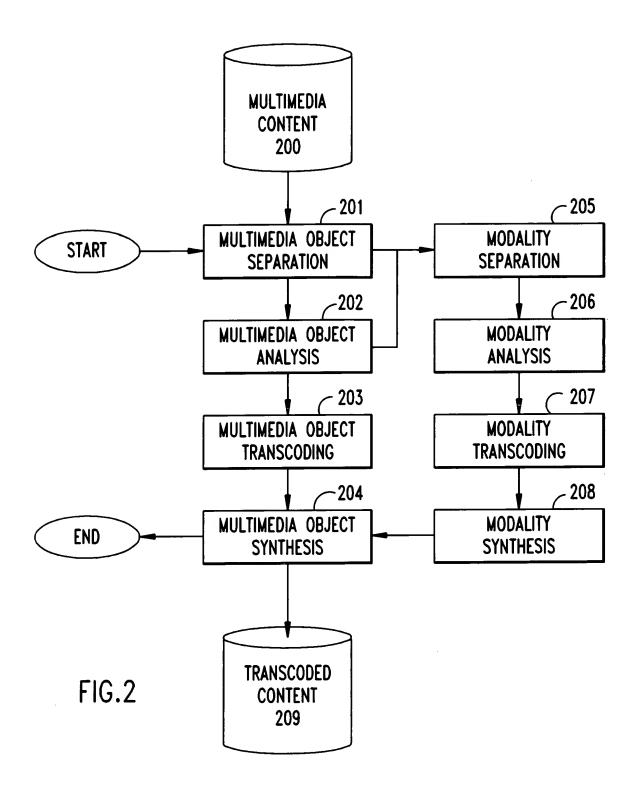
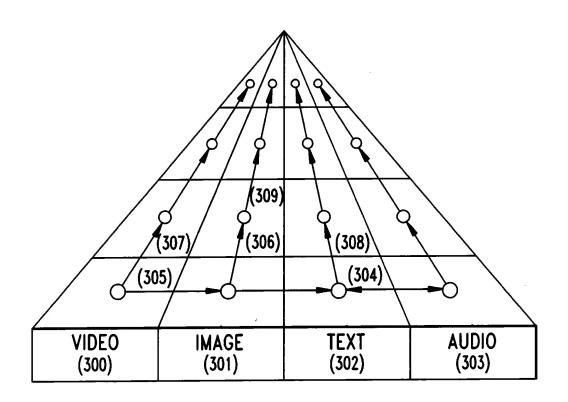


FIG.1 CLIENT 100 **USER** CACHE **APPLICATION** 102 101 **REQUEST RESPONSE** 103 **NETWORK** 106 **RESPONSE REQUEST PROXY** 107ع 104 CONTENT **TRANSCODER POLICY** 108 **ENGINE** 113 **CONTENT SELECTION** 109 ح CONTENT APPLICATION CONTENT **ANALYSIS** MANAGER 105 **RETRIEVAL -112 CACHE** SERVER 111





MODALITY

FIG.3

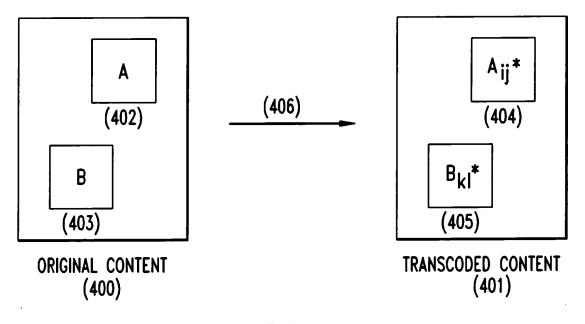
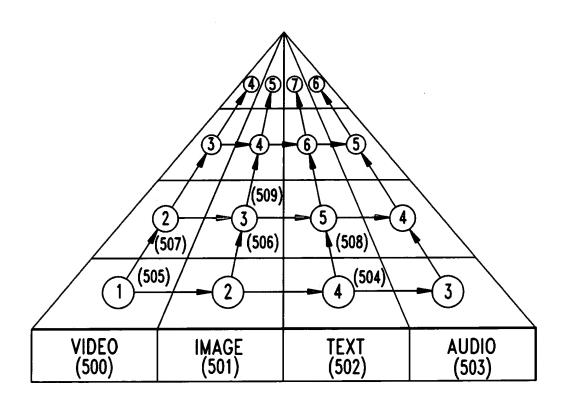
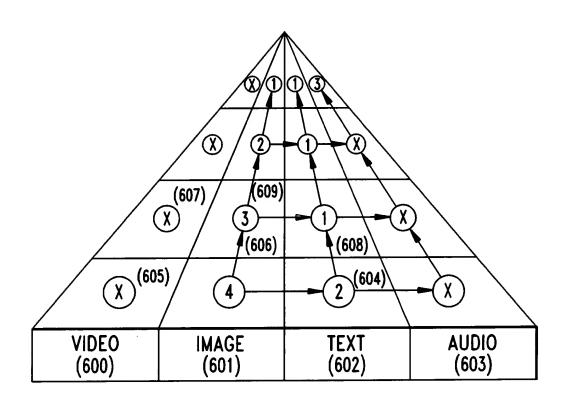


FIG.4



MODALITY

FIG.5



MODALITY

FIG.6

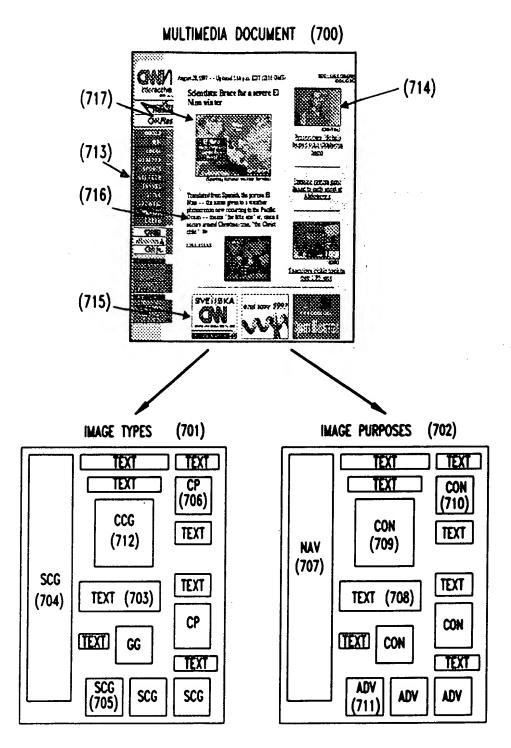
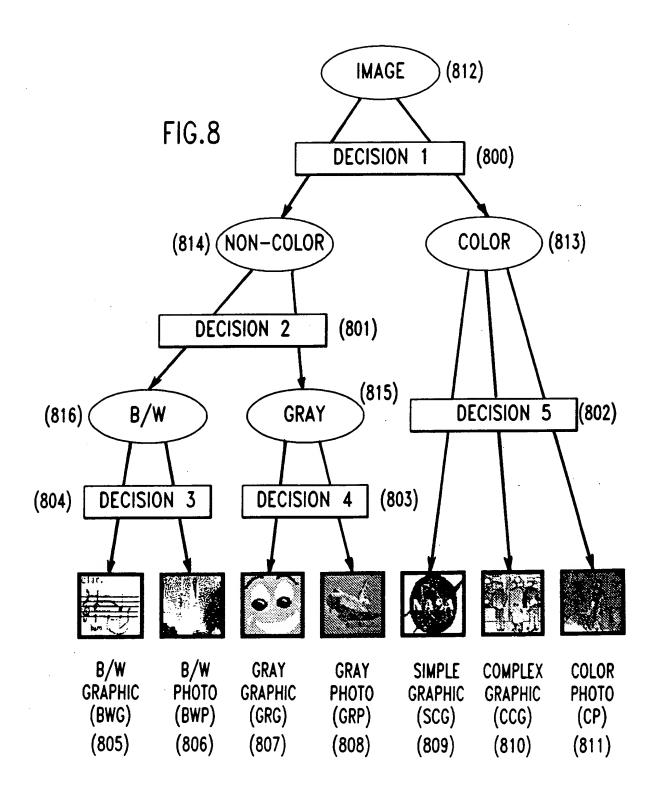
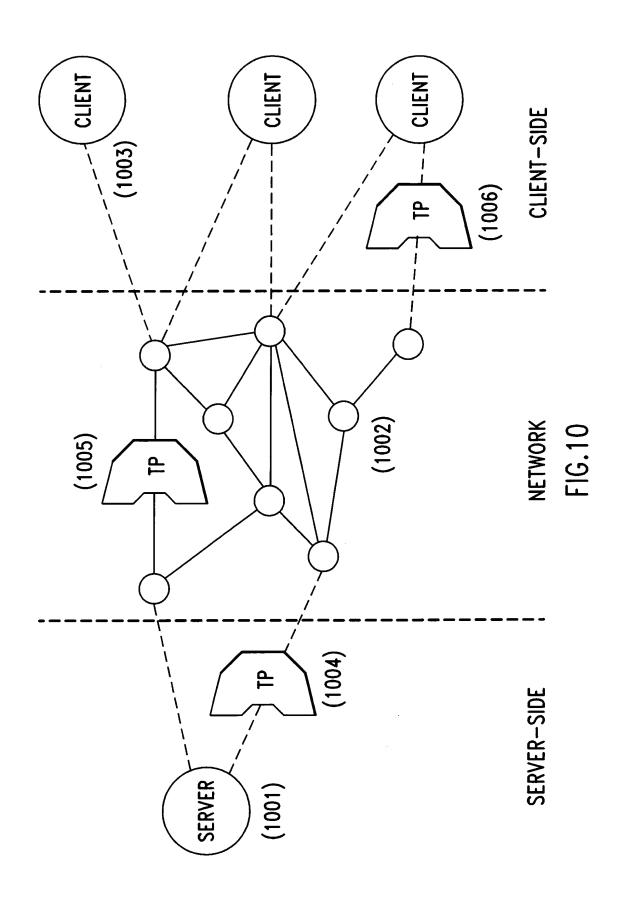


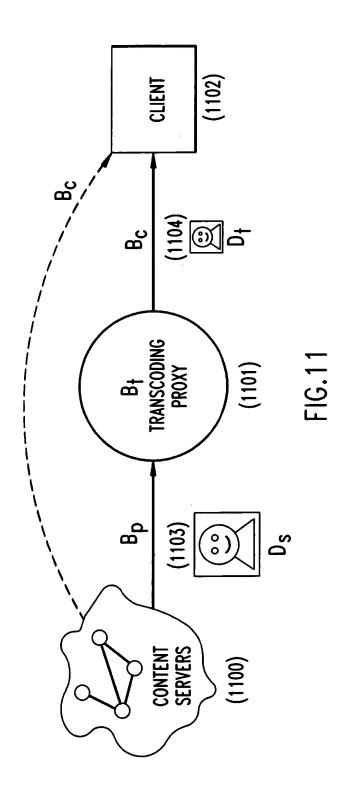
FIG.7



| (906) | (206) | (808) | (606) | (016) | (911) |
|------------------------|------------|-----------------------|------------|---------|-------------------|
| Workstation | Color PC | browser | ННС | PDA | Smart Phone |
| (000) | (106) | (902) | (903) | (904) | (905) "bridge" |
| size: 256 x 256 | 192 × 192 | 128 x 128 | 96 × 96 | 64 × 64 | , |
| fidelity: 38 KB | 23 KB | 8 KB | 4 KB | 0.6 KB | 100 B |
| color: 24 bit RGB | 24 bit RGB | 256 colors 4 bit gray | 4 bit gray | B/W | ' |

FIG.9





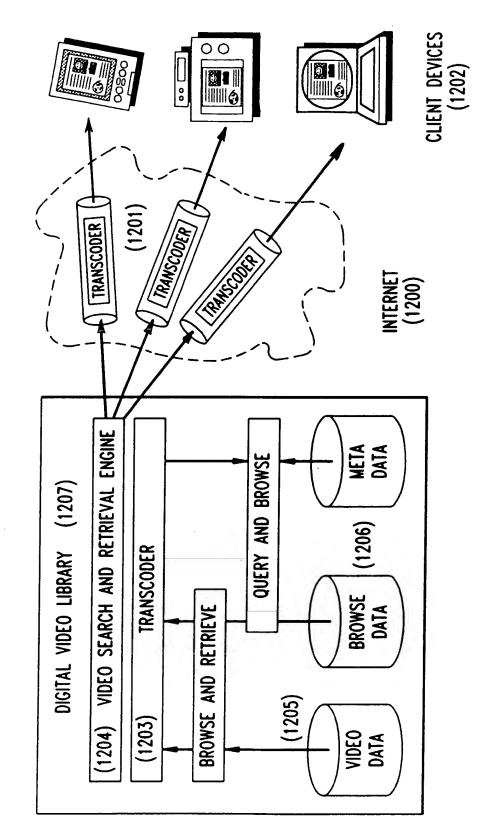


FIG.12

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